

## PATENT SPECIFICATION

(11) 1 257 031

DRAWINGS ATTACHED

1 257 031

(21) Application No. 11092/68 (22) Filed 7 March 1968

(23) Complete Specification filed 6 March 1969

(45) Complete Specification published 15 Dec. 1971

(51) International Classification E 04 b 2/60

(52) Index at acceptance

E1K 1B1G 3A

(72) Inventor JAMES ORR HUNTER



## (54) CHANNEL MEMBERS FOR USE IN PANELLING

(71) We, METAL SECTIONS LIMITED, of Oldbury, Birmingham, a British Company, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

It is known in the construction of demountable panelling to erect a series of channel members as uprights or "studs" for supporting a pair of spaced sheet members defining the outer surfaces of the panelling. It is required that electrical wiring, plumbing and other services should pass along the spaces between the sheets and holes must therefore be provided in the channel members to allow for passage of the services.

In accordance with the invention there is provided a channel member for use in the construction of demountable panelling, the web of the channel member being formed at a plurality of positions along its length with holes each of which is of narrow rectangular shape and from each of which a series of slits extend the slits being arranged in pairs at opposite ends of each hole, with the two slits of each pair aligned and extending in opposite directions from the hole to define a pair of tongues which can be bent to form an enlarged aperture in the web of the channel member, said aperture having a pair of oppositely disposed smooth edges formed by the bent tongues.

Preferably each hole is arranged with its length transverse to the length of the channel.

An example of a channel member according to the invention will now be described with reference to the accompanying drawings in which:—

Figure 1 shows part of a channel member; and

Figure 2 is a section on the line 2—2 in Figure 1.

A length of sheet metal channel 10 includes a web 11 and intumed flanges 12 at

its mouth. Formed in the web 11 is a plurality of holes 13, of elongated rectangular cross-section and with their longer dimensions extending across the web 11. From each corner of the holes 13 slits 14 extend parallel to the axis of the channel member 10. There is thereby formed a pair of tongues 15, 16 at opposite sides of each hole 13. These tongues can easily be bent back to provide an enlarged smooth edged aperture through which to pass wires or pipes.

## WHAT WE CLAIM IS:—

1. A channel member for use in the construction of demountable panelling, the web of the channel member being formed at a plurality of positions along its length with holes each of which is of elongated rectangular shape and from each of which a series of slits extend, the slits being arranged in pairs at opposite ends of the hole, with the two slits of each pair aligned and extending in opposite directions from the hole to define a pair of tongues which can be bent to form an enlarged aperture in the web of the channel member, said aperture having a pair of oppositely disposed smooth edges formed by the bent tongues.

2. A channel member as claimed in claim 1 and which is formed of sheet metal.

3. A channel member as claimed in claim 2 which includes intumed flanges at its mouth.

4. A channel member as claimed in any preceding claim in which the lengths of the holes extend transversely to the web of the channel.

7. A channel member for use in the construction of demountable panelling substantially as hereinbefore described with reference to and as shown in the accompanying drawings.

MARKS & CLERK,  
Chartered Patent Agents,  
Agents for the Applicants.

1257031

COMPLETE SPECIFICATION

1 SHEET

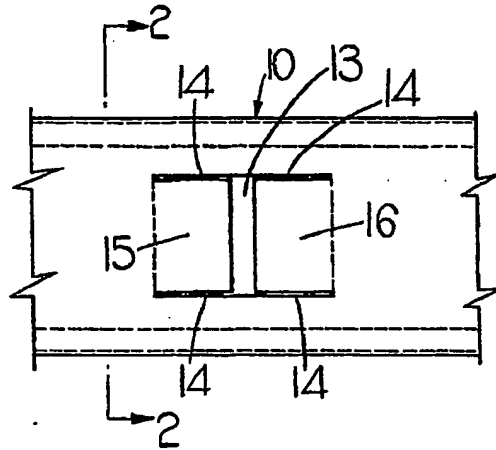
*This drawing is a reproduction of  
the Original on a reduced scale*

FIG. 1.

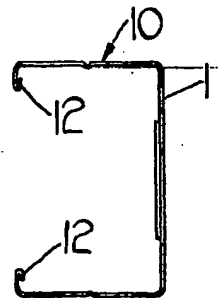


FIG. 2.

UNAVAILABLE COPY